

Willamette Project Conditions as of 24-Apr-03

Lake elevations are midnight elevations  
and flow values are the daily average.

Project	Full Pool (ft)	Current Elevation (ft)	Inflow (cfs)	Outflow (cfs)	% Above or Below Refill Schedule
Hills Creek	1541.0	1531.4	1370.0	1230.0	1.2%
Lookout Point	926.0	919.1	4120.0	3680.0	3.5%
Fall Creek	830.0	825.4	1380.0	810.0	5.9%
Cottage Grove	790.0	786.8	1350.0	590.0	11.1%
Dorena	832.0	825.7	2560.0	1120.0	7.8%
Fern Ridge	373.5	373.5	1480.0	1560.0	-0.4%
Cougar*	1690.0	1450.6	1060.0	1060.0	0.0%
Blue River	1350.0	1340.9	548.0	460.0	3.3%
Green Peter	1010.0	1003.6	2560.0	1880.0	2.6%
Foster	637.0	614.3	3780.0	3680.0	5.0%
Detroit	1563.5	1559.7	2670.0	1530.0	4.3%

\* Cougar is passing inflow and maintaining an elevation range of 1450 - 1455 feet for construction of a temperature control tower. Cougar April 1, 2002 and will remain out of service until 2005.

Website for USACE, Portland District, showing daily reservoir conditions and historical data.

Click on Reports, Graphics or Data Query

<http://www.nwd-wc.usace.army.mil/nwp/>

**Summary of Operations, last updated: 24-Apr-03**

Currently most of the Willamette Projects are in the process of spring refill, with the exception of Cougar\*, Fern Ridge and Foster. The Apr 01 NRCS Water Supply Forecast estimates an average seasonal flow at Salem of about 80 % of normal. As of 24-Apr-03 the Willamette Basin precipitation for the current water year is 86% of average and snow pack is 65% of average. Planned operations for 24 Apr to 30 Apr are generally to continue refill, with the exception of the three noted projects. Expect some drawdown at a few projects such as Dorena and Cottage Grove, which saw rises above the rule curve from rain events. Fern Ridge is full and is operating the forebay between 373.3 feet and 373.5 feet and passing inflow. Foster is conducting an annual juvenile steelhead passage operation and is holding its pool between 613.5 feet and 614.5 feet. Foster will refill after May 15 and will be full prior to Memorial Day. Expect inflows to the projects to drop moderately over the next six days. Some rain, especially in the southern part of the basin, may temporarily reverse this trend.

**Summary of Average Forecast Inflows, Outflows and Pool Elevations  
for the period 24-Apr-03, 1700 Hrs to 30-Apr-03, 1100 Hrs.**

Project	Average Elevation (ft)	Average Inflow (cfs)	Average Outflow (cfs)
Hills Creek	1533	1724	940
Lookout Point	922	4340	3156
Fall Creek	827	1023	663
Cottage Grove	787	758	736
Dorena	826	1270	978
Fern Ridge	373	1053	1053
Cougar*	1450	1284	1284
Blue River	1344	721	292
Green Peter	1006	2575	1257
Foster	614	3165	3165
Detroit	1563	3331	1759

*\*The Reservoir Control Center (USACE), jointly with the River Forecast Center (NOAA), provides flow and reservoir elevation forecasts. The posted forecast is based on a usual forecast date of every Thursday. Data summarized above is preliminary and subject to change based on actual conditions and real-time reservoir regulation requirements.*